

SEQUENCE LISTING

<110> Tokyo Metropolitan Organization for Medical Research
Toray Industries Inc.

<120> Nucleic acid construct containing fulllength genome of human
Hepatitis C virus, recombinant fulllength virus genome-replicating cells
having the nucleic acid construct transferred thereinto and method of
producing Hepatitis C virus particle

<130> PH-2372-PCT

<140> PCT/JP2005/003232

<141> 2005-02-21

<150> JP 2004-045489

<151> 2004-02-20

<160> 26

<170> PatentIn Ver. 2.1

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<211> 340

<212> RNA

<213> Hepatitis C virus

<220>

<223> 5' non-translated region of hepatitis C virus genomic RNA derived from

JFH-1 clone

<220>

<223> inventor: Wakita, Takaji

Inventor: Kato, Takanobu

Inventor: Date, Tomoko

Inventor: Miyamoto, Michiko

Inventor: Tanabe, Junichi

Inventor: Sone, Saburo

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<223> core protein-coding sequence of hepatitis C virus genomic RNA derived from JFH-1 clone

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<223> NS3 protein-coding sequence of hepatitis C virus genomic RNA derived from JFH-1 clone

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<223> NS4A protein-coding sequence of hepatitis C virus genomic RNA derived from JFH-1 clone

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<212> RNA

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<223> NS4B protein-coding sequence of hepatitis C virus genomic RNA derived from JFH-1 clone

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<223> NS5A protein-coding sequence of hepatitis C virus genomic RNA derived from JFH-1 clone

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<213> Hepatitis C virus

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<223> 3' non-translated region of hepatitis C virus genomic RNA derived from

JFH-1 clone

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<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: replicon RNA comprising full-length Hepatitis C virus genomic RNA derived from JFH-1 clone

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11111

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<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: full-length Hepatitis C virus genomic RNA derived from JFH-1 clone, wherein an amino acid motif GDD has been mutated into GND

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<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: replicon RNA comprising full-length Hepatitis C virus genomic RNA derived from JFH-1 clone, wherein an amino acid motif GDD has been mutated into GND

<400> 15

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<223> Description of Artificial Sequence:primer

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<210> 17
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<223> Description of Artificial Sequence:primer

<400> 17
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<210> 18
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<223> Description of Artificial Sequence:primer

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer

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<212> RNA

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<223> Description of Artificial Sequence: replicon RNA derived from the expression vector rFGR-JFH1/Luc

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<223> Description of Artificial Sequence: replicon RNA derived from the expression vector rFGR-JFH1/EGFP/GND

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: replicon RNA derived from the expression vector rFGR-JFH1/SEAP

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<223> Description of Artificial Sequence: replicon RNA derived from the expression vector rFGR-JFH1/SEAP/GND

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